

INTERNATIONAL SEARCH REPORT

International application No

PCT/LN J3/00640

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12M3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/091979 A1 (ESCHENHAGEN THOMAS) 15 May 2003 (2003-05-15) page 1 -page 2	1,2,12
A	---	3-11, 13-19
Y	US 5 700 688 A (HUANG DAVID ET AL) 23 December 1997 (1997-12-23) abstract	1,2,12
A	---	3-11, 13-19
A	US 6 303 286 B1 (KOSNIK PAUL ET AL) 16 October 2001 (2001-10-16) abstract	1-19

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

23 April 2004

Date of mailing of the international search report

19. 05. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

SARA THULIN/MN

Information on patent family members

PCT/UK 03/00640

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2003091979	A1	15-05-2003	DE	10003521 A1	09-08-2001
			AU	3734501 A	07-08-2001
			CA	2398084 A1	02-08-2001
			WO	0155297 A2	02-08-2001
			EP	1250416 A2	23-10-2002
			JP	2004500093 T	08-01-2004

US 5700688	A	23-12-1997	US	5521087 A	28-05-1996
			US	5756350 A	26-05-1998

US 6303286	B1	16-10-2001	US	6114164 A	05-09-2000